

C.H. Bradshaw Co.
2004 Hendrix Drive
Grove City, Ohio 43123-1278
DOT CT0097

(VKE) REVISION 11/21

Work Order # 50137

V ✓
K ✓
K-EPA 27 ✓

External Visual Inspection
Leakage Test / Inspection
Annual Certification Test
Method 27 - 63.425 (c) (1) (2)

Customer SJA Transport, Inc
Address 101 E. South St.
C.S.Z. Rockford, Ohio 45882

Owner Samy

License Plate # TVA 539R
Owners Unit # 221
Serial # 1P11A24322V5001160
Trlr. Vin # (If Applicable) 1P11A24322V5001160
D.O.T. Spec # DOT 406AC
Original Test Date 1-97
Design or MAWP 3.3
Test Location (C.S.) Rockford, Ohio

Previous Test Dates

V 12-24
I 11-22
P 11-22
K 12-24
K-EPA 27 12-24
Number of Compartments 4

Compartment Size: #1 2900 #2 1500 #3 2000 #4 2800 #5 X

Year Tank Mfg 1-97 Mfg. Name Polar Trailer Gallons 9200

Minimum Thickness Of Cargo Tank Shell .173 Heads .178

Is Tank Lined? no Insulated? no

Is the unit used for transport of any material other than petroleum based products? no

External Visual Inspection 180.407 (d)

	Faulty	Okay
1.) External Inspection Of Tank Shell And Heads:		
A) Corroded or Abraded Areas (Rust)	_____	_____✓
B) Dents or Punctures	_____	_____✓
C) Distortion or Defects In Welds	_____	_____✓
D) Thickness Testing Needed	_____	_____✓
E) Tank has Imaging Decals (Wrap)	YES	NO
Internal Visual In Accordance To 180.407(c)	YES	NO
2.) External Inspection Of Piping, Valves, Gaskets:		
A) Corroded Areas	_____	_____✓
B) Defects in Welds, Signs of Leakage	_____	_____✓
C) Condition of Delivery, vapor hoses	_____	_____✓

	Faulty	Okay
3) External Inspection Of Manholes:		
A) Devices for tightening manhole covers operative	_____	____/____
B) Evidence of leakage	_____	____/____
C) Inspect and pressure test fill lids, normal vents	_____	____/____
4) External Inspection Of Emergency Valves And Devices		
A) Emergency valves free from corrosion, erosion, distortion, or external damage that would prevent safe operation	_____	____/____
B) Remote trip control in operation / activate	_____	____/____
C) Leakage test seating disc in emergency valve	_____	____/____
D) Self closing stop valves in operation - function	_____	____/____
5) <u>Missing</u> bolts, nuts, and fusible links must be replaced and loose nuts - bolts tightened	_____	____/____
6) All Required Marking On Tank Legible		
A) DOT spec. plate accessible / legible	_____	____/____
B) Flammable placards legible (all 4-sides)	_____	____/____
7) External Inspection Of All Major Appurtenances		
A) Fifth wheel plate, pins, bolts	_____	____/____
B) Suspension, springs, hangers, etc.	_____	____/____
C) Frame, cross members, gussets, etc.	_____	____/____
8) Inspect all re-closing pressure relief valves	_____	____/____
9) Lights, reflectors, wiring in good working order	_____	____/____
10) Brakes in good working order	_____	____/____
11) Air hoses above axles, chambers, chafed, or rotted	_____	____/____
12) Air system have any leaks	_____	____/____
13) Tank mounting bolts, boards, attachments in proper working order	_____	____/____
14) Leakage test entire pump system(s)	<u>OK</u>	<u>OK</u>

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Work Order # 56157

Leakage Test 180.407 (h) Pneumatic

Each cargo tank with all valves and accessories in place or operative must be tested at not less than 80% of the tank design pressure or maximum allowable working pressure (MAWP) whichever is marked on the certification plate.

Compt.	#1	#2	#3	#4	#5	#6
Start Time	<u>10:31</u>	<u>10:41</u>	<u>10:23</u>	<u>10:37</u>		
Pressure	<u>2.6</u>	<u>2.6</u>	<u>2.6</u>	<u>2.6</u>		
Final Time	<u>10:36</u>	<u>10:46</u>	<u>10:28</u>	<u>10:42</u>		

Alternate EPA / Pressure Vacuum Test Method 27 / 40CFR63.425

Pressure Test = 18"	1 Minute	2 Minutes	3 Minutes	4 Minutes	5 Minutes	Average
1	<u>18.0</u>	<u>17.9</u>	<u>17.9</u>	<u>17.8</u>	<u>17.8</u>	
2	<u>18.0</u>	<u>17.9</u>	<u>17.9</u>	<u>17.9</u>	<u>17.8</u>	<u>17.8</u>

Time 10:48 Am

Vacuum Test = -6.0"	1 Minute	2 Minutes	3 Minutes	4 Minutes	5 Minutes	Average
1	<u>-5.9</u>	<u>-5.8</u>	<u>-5.7</u>	<u>-5.7</u>	<u>-5.6</u>	
2	<u>-5.9</u>	<u>-5.9</u>	<u>-5.8</u>	<u>-5.8</u>	<u>-5.8</u>	<u>-5.7"</u>

Time 11:01 Am

Vapor Vent Test/Vapor Rail Pressure Test	1 Minute	2 Minutes	3 Minutes	4 Minutes	5 Minutes
Test 1	<u>0.4"</u>	<u>0.9"</u>	<u>1.3"</u>	<u>1.8"</u>	<u>2.4"</u>

Time 11:17 Am

Location of Defects Found and Method of Repair:

- 1.) (3B) #4 Manhole cover clamping ring loose, Tightened clamping ring. OK
- 2.) #B Air vapor vent beginning to leak through
- 3.)
- 4.)
- 5.)

Attach Supplemental Sheets For Information Or Supporting Test Papers

Cargo Tank Meets The Requirements Of The DOT Specification
Identified On This Report Yes ☒ No ☐

Was The Tank Marked	"V"	<u>Yes</u>	Month <u>12</u>	Year <u>25</u>
	"K"	<u>Yes</u>	Month <u>12</u>	Year <u>25</u>
	"K" EPA	<u>Yes</u>	Month <u>12</u>	Year <u>25</u>
	"T"	<u>Yes</u>	Month <u>12</u>	Year <u>25</u>

I certify that the above inspections were conducted in accordance with 180.407.

Owner Acknowledgment	<u>Robert W. Bell</u>	Date	<u>12-2-25</u>
R/L Manager's Acknowledgment	<u>[Signature]</u>	Date	<u>12-2-25</u>
Inspected By:	<u>[Signature]</u>	Date	<u>12-2-25</u>

Print Tim Buxak